

## ABSTRACT

1       A method of mapping status messages of monitored objects to service  
2 elements in an IT-infrastructure-management system is provided. The service  
3 elements and their dependencies being represented by an element graph  
4 having directed links between service elements, thereby defining higher-level  
5 and lower-level service elements. The method includes directing a status  
6 message to at least one higher-level service element; ascertaining, at the  
7 higher-level service element, whether the status message pertains to a lower-  
8 level service element connected with the higher-level service element; down-  
9 wardly propagating of the status message to said lower-level service element  
10 in response to a positive outcome in the action of ascertaining.